

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/001617

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A41D1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A41D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 818 476 A (FRANCE TELECOM) 21 June 2002 (2002-06-21) page 7, line 25 -page 8, line 14; figures 3,4	1-12
X	US 4 539 700 A (SATO MASANOBU) 3 September 1985 (1985-09-03) column 2, line 52 - line 66; figures	1-12
X	DATABASE WPI Section Ch, Week 199733 Derwent Publications Ltd., London, GB; Class F07, AN 1997-363376 XP002296894 -& WO 97 24042 A (KONOVALOV SERGEI), 10 July 1997 (1997-07-10) abstract; figures 1-4	1-12

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the international search report

20 September 2004

04/10/2004

Name and mailing address of the ISA

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A	US 6 563 424 B1 (KAARIO JUHA) 13 May 2003 (2003-05-13) column 4, line 3 -column 6, line 14; figures 1-5 column 6, line 51 -column 8, line 65; figure 10	1
A	US 5 555 490 A (CARROLL DAVID W) 10 September 1996 (1996-09-10) the whole document	1
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